

47508-580 (HYZ-027CIP).txt SEQUENCE LISTING

```
<110> Kandimalla, Ekambar R.
Agrawal, Sudhir
<120> Cooperative Oligonucleotides
<130> 47508-580 (HYZ-027CIP)
<140> US 10/054,429
<141> 2002-01-22
<150> US 08/420,672
<151> 1995-04-12
<160> 30
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 9
<212> DNA
<213> Artificial Sequence
<223> cooperative oligonucleotide
<400> 1
                                                                         9
ctcgcaccc
<210> 2
<211> 12
<212> DNA
<213> Artificial Sequence
<223> cooperative oligonucleotide
<400> 2
                                                                         12
atctctctcc tt
<210> 3
<211> 12
<212> DNA
<213> Artificial Sequence
<220>
<223> cooperative oligonucleotide
<400> 3
                                                                         12
tctctctcct tc
<210> 4
<211> 12
<212> DNA
<213> Artificial Sequence
<220>
<223> cooperative oligonucleotide
<400> 4
                                                                         12
ctctctcctt ct
```

	47508-580 (HYZ-027CIP).txt	
<210> <211> <212> <213>	5 21	
<220> <223>	cooperative oligonucleotide	
<400> ctcgc	5 accca tctctcct t	21
<210> <211> <212> <213>	22	
<220> <223>	cooperative oligonucleotide	
<400> ctcgc	6 acccg tctctcct tc	22
<210> <211> <212> <213>	23	
<220> <223>	cooperative oligonucleotide	
<400> ctcgc	7 acccg cctctctct tct	23
<210> <211> <212> <213>	13	
<220> <223>	cooperative oligonucleotide	
<400> atctc	8 tctcc ttc	13
<210> <211> <212> <213>	15	
<220> <223>	cooperative oligonucleotide	
<400> cggat	9 ctctc tcctt	15
<210> <211> <212> <213>	15	
<220> <223>	cooperative oligonucleotide	

	47508	3-580 (HYZ-	027CIP).txt	
<400> 10 cggtctctc		·	-	15
<210> 11 <211> 16 <212> DNA <213> Art	ificial Sequence			
<220> <223> coo	perative oligonucleotide			
<400> 11 ccggtctct	c tccttc			16
<210> 12 <211> 17 <212> DNA <213> Art	ificial Sequence			
<220> <223> coo	perative oligonucleotide			
<400> 12 gccggtctc	t ctccttc			17
<210> 13 <211> 19 <212> DNA <213> Art	ificial Sequence			
<220> <223> coo	perative oligonucleotide			
<400> 13 gcgccggtc	t ctctccttc			19
<210> 14 <211> 12 <212> DNA <213> Art	ificial Sequence			
<220> <223> coo	perative oligonucleotide			
<400> 14 ctcgcacco	c cg			12
<210> 15 <211> 13 <212> DNA <213> Art	ificial Sequence			
<220> <223> coo	perative oligonucleotide			
<400> 15 ctcgcacco	c cgg			13
<210> 16 <211> 14 <212> DNA <213> Art	ificial Sequence			

47508-580 (HYZ-027CIP).txt	
<220> <223> cooperative oligonucleotide	
<400> 16 ctcgcacccc cggc	14
<210> 17 <211> 16 <212> DNA <213> Artificial Sequence	
<220> <223> cooperative oligonucleotide	
<400> 17 ctcgcacccc cggcgc	16
<210> 18 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> cooperative oligonucleotide	
<400> 18 ctctcaccc	9
<210> 19 <211> 9 <212> DNA <213> Artificial Sequence	
`<220> <223> cooperative oligonucleotide	
·<400> 19 ctctcaacc	9
<210> 20 <211> 25 <212> DNA <213> Artificial Sequence	
<220> <223> cooperative oligonucleotide	
<400> 20 ctctcgcacc catctctct cttct	25
<210> 21 <211> 27 <212> DNA <213> HIV-1	
<220> <223> cooperative oligonucleotide	
<400> 21 ctagaaggag agagatgggt gcgagag	27
<210> 22 <211> 39	

47508-580 (HYZ-027CIP).txt <212> DNA <213> HIV-1 <223> cooperative oligonucleotide <400> 22 39 agaaggagag agaugggugc gagagcguca guauuaagc <210> 23 <211> 21 <212> DNA <213> Artificial Sequence <223> cooperative oligonucleotide <400> 23 21 ctctcaccca tctctctct t <210> 24 <211> 21 <212> DNA <213> Artificial Sequence <223> cooperative oligonucleotide <400> 24 21 ctctcaacca tctctctct t <210> 25 <211> 9 <212> DNA <213> Artificial Sequence <223> cooperative oligonucleotide <400> 25 9 ctcgcaccc <210> 26 <211> 12 <212> DNA <213> Artificial Sequence <223> cooperative oligonucleotide <400> 26 12 atctctctcc tt <210> 27 <211> 12 <212> DNA <213> Artificial Sequence <223> cooperative oligonucleotide <400> 27

tctctctcct tc

12

47508-580 (HYZ-027CIP).txt

<210> 28 <211> 12 <212> DNA <213> Artificial Sequence	
<220> <223> cooperative oligonucleotide	
<400> 28 tctctccttc ta	12
<210> 29 <211> 12 <212> DNA <213> Artificial Sequence	
<220> <223> cooperative oligonucleotide	
<400> 29 ctcgcacccc cg	12
<210> 30 <211> 17 <212> DNA <213> Artificial Sequence	
<220> <223> cooperative oligonucleotide	
<400> 30 cggtctctct ccttctc	17